**Vocabulary for Chemistry EOC Review**

*Directions: For each term, give a working definition (not one from the back of a book/Wikipedia) or an equation/memory tool you could use to remember/tell what it means. Put the terms and their explanations on a separate sheet of paper.*

***Acids & Bases***

* pH
* pH Scale
* pOH
* Hydronium
* Hydroxide
* Acid
* Base
* Neutral
* Indicator
* Titration
* Concentration
* Strength

***Atomic Theory & Periodic Table***

* Atomic number
* Average atomic mass
* Mass number
* Anion
* Cation
* Cathode ray tube
* Transition metal
* Metal
* Nonmetal
* Metalloid
* Ion
* Atom
* Isotope
* Neutron
* Proton
* Electron
* Electronegativity
* Octet rule
* Periodic table
* Principal number
* Orbital
* Atomic radius
* Sublevels
* Energy levels
* Noble gases
* Diatomic molecules
* Electron Configuration

***Bonding & Intermolecular Forces***

* single bond
* double bond
* metallic bond
* VSEPR
* Polar
* Nonpolar
* intermolecular forces
* Ionic compound
* Molecular compound
* Hydrogen bond
* Covalent bond
* Ionic bond
* Van der waals
* London dispersion
* Lewis dot diagrams

***Energy & Thermochemistry***

* Exothermic
* Endothermic
* Activation energy
* Calorie
* calorie
* Joule
* Enthalpy
* Rate law

***Gases***

* STP
* Boyle’s Law
* Charles’ Law
* Dalton’s law
* Molar volume
* Combined gas law
* Ideal gas law
* R
* Atm
* Torr
* Mm of Hg
* Kpa

***Matter & Properties***

* Matter
* Mixture
* Solution
* Homogeneous
* Heterogeneous
* Chemical property
* Physical property
* Chemical change
* Physical change
* Phase
* Precipitate
* Compound
* Elements

***Mole/Stoichiometry***

* Molecular formula
* Empirical formula
* Formula
* Avogadro’s number
* Mole
* Percent composition
* Hydrate
* Molar Mass

***Reactions*** ***&*** ***Compounds***

* Chemical reaction
* Balanced equation
* Reactants
* Products
* Single displacement reactions
* Double displacement reactions
* Synthesis reaction
* Decomposition reactions
* Combustion reactions
* Coefficients
* Subscripts
* Limiting reagent
* Catalysts
* Equilibrium
* Precipitate
* Net ionic equation
* Spectator ions
* Binary compound
* Polyatomic ion

***Solutions***

* Solute
* Solvent
* Molarity
* Freezing point depression
* Boiling point elevation
* Vapor pressure lowering
* Miscible
* Alloy
* Colligative properties
* Solubility

***Units/Data/Lab***

* Quantitative
* Qualitative
* Mass
* SI
* Kelvin
* Accuracy
* Precision
* Density
* Buret
* Graduated cylinder
* Erlenmeyer flask
* Percent yield
* Volume
* Metric Conversions